

CLAIMS

- [1] (Amended) A Stirling engine including a displacer that moves inside a cylinder between a compression space and an expansion space and a piston that is made to reciprocate inside the cylinder by a driving force source, the piston reciprocating to cause the displacer to reciprocate to cause working gas to move,

wherein a spring for causing the piston to resonate is eliminated, and rotation preventing means is provided for preventing the piston from rotating about an axis thereof inside the cylinder.

- [2] (Amended) A Stirling engine including a displacer that moves inside a cylinder between a compression space and an expansion space and a piston that is made to reciprocate inside the cylinder by a driving force source, the piston reciprocating to cause the displacer to reciprocate to cause working gas to move,

wherein a spring for causing the piston to resonate is eliminated, and movement restricting means is provided for setting a limit of movement of the piston toward a bounce space.

- [3] (Amended) The Stirling engine of claim 2,

wherein an elastic member for damping shock is arranged between the piston and the movement restricting means.

- [4] (Cancelled)

- [5] (Cancelled)

[6] (Cancelled)